

Midwest Printed Circuit Services, Inc.  
1741 Circuit Dr.  
Round Lake Beach, IL 60073  
(847)740-4120 Fax (847)740-4187  
[www.midwestpcb.com](http://www.midwestpcb.com)

## A UNITED STATES MANUFACTURER OF MISSION CRITICAL PRINTED CIRCUIT BOARDS

MIDWEST PRINTED CIRCUIT SERVICES WAS FOUNDED IN 1984 WITH A VISION TO CREATE A WORLD CLASS MANUFACTURING FACILITY. A COMPANY WIDE COMMITMENT TO DELIVERING TOTAL CUSTOMER SATISFACTION HAS BEEN THE CORNERSTONE FOR BUILDING SOLID GROWTH AND A STRONG CUSTOMER PARTNERSHIP. MPCS PROVIDES ITS CUSTOMERS COMPLETE INTERCONNECTION CAPABILITY THROUGH HIGH COMPLEXITY, HIGH RELIABILITY PCB'S IN LEAD TIMES RANGING FROM ONE DAY TO THREE WEEKS.

WITH AN ATTITUDE OF UNCONDITIONAL FLEXIBILITY, WE OFFER A WIDE VARIETY OF THERMAL MANAGEMENT SOLUTIONS FOR TODAY'S EXTREME ENVIRONMENTS.

ADDITIONALLY, OUR COMMITMENT TO ADVANCED TECHNOLOGY ENABLES US TO PROVIDE INNOVATIVE PRODUCTS SUCH AS SOLID SOLDER DEPOSITION, HIGH ASPECT RATIO DRILLING AND PLATING, MIXED DIELECTRICS, FLEX AND RIGID FLEX, CONDUCTIVE VIA FILL, EDGE PLATING, BURIED AND BLIND VIA INTERCONNECTIONS AND FINELY TUNED IMPEDANCE CHARACTERISTICS.

AT MPCS, WE ARE COMMITTED TO PROVIDING INTERCONNECTION SOLUTIONS THROUGH INNOVATIVE PRODUCTS.

**“PROUD TO BE AMERICAN OWNED AND OPERATED”**



Members of:



ASSOCIATION CONNECTING  
ELECTRONICS INDUSTRIES

[www.ipc.org](http://www.ipc.org)



[www.uspca.org](http://www.uspca.org)

REPRESENTED BY:

# COMPANY HIGHLIGHTS

## FACILITY:

- ESTABLISHED IN 1984
- 30,000 SQUARE FOOT FACILITY
- DELIVERY TIMES FROM ONE DAY TO THREE WEEKS
- HI RELIABILITY PRODUCTS SUPPORTING:
  - MILITARY, AEROSPACE, MICROWAVE, MEDICAL, AND COMMERCIAL INDUSTRIES.

## TECHNOLOGIES:

- UP TO 28 LAYERS ( 29 AND UP SUBJECT TO REVIEW OF DATA )
- BLIND/BURIED VIAS
- SEQUENTIAL LAMINATION AND CONTROLLED DEPTH DRILLING/PLATING CAPABILITIES
- HEAT SINK AND METAL CORE PCB'S WITH IN-HOUSE MILLING
- CONTROLLED IMPEDANCE
- COPPER WEIGHTS UP TO 8 OUNCES

## CAPABILITIES:

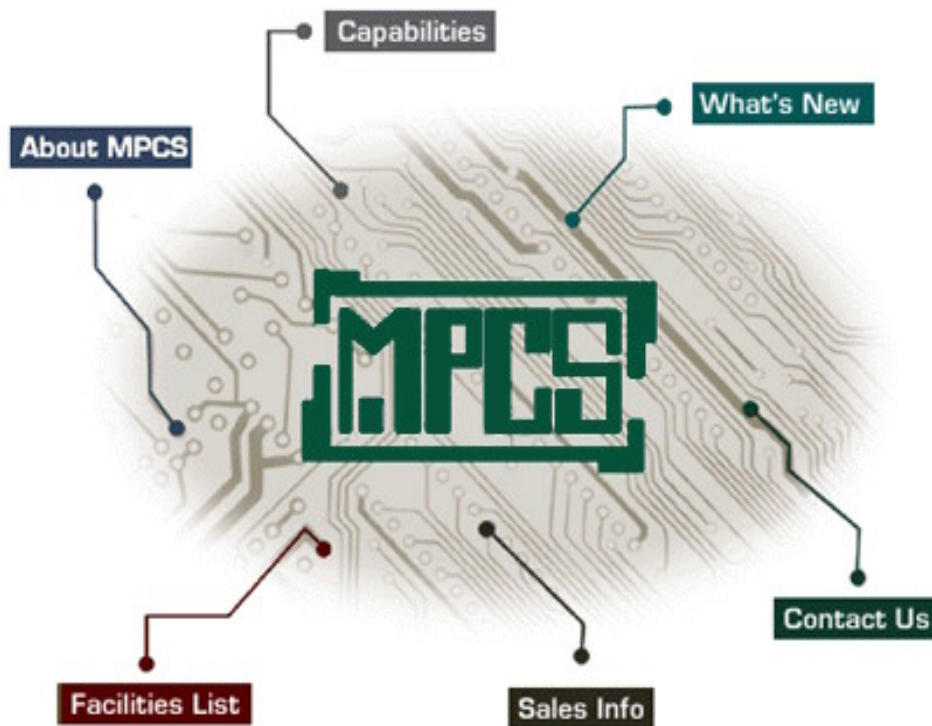
- FULLY AUTOMATED CAM PANELIZATION
- FULL DFM, DRC, AND NETLIST VERIFICATION
- LPI, THERMAL, AND DRY FILM SOLDER MASK
- THROUGH HOLE, SMT, AND BGA DOWN TO 12 MIL PITCH
- HASL, ENIG, SILVER, WHITE TIN, OSP, AND DEEP NI/AU
- SOLDER PASTE STENCILS
- SOLID SOLDER DEPOSITION
- LEAD FREE

## MATERIALS:

- FR4
- GETEK
- BT EPOXY
- POLYIMIDE
- THERMAGON
- TEFLON/DUROID ( ROGERS, ARLON )
- FLEX AND RIGID FLEX

AT MIDWEST PRINTED CIRCUIT SERVICES, WE SPECIALIZE IN TIME TO MARKET CRITICAL DEMANDS. OUR QUICK-TURN CAPABILITY ALLOWS OUR CUSTOMERS TO BE FIRST IN LINE WITH THEIR NEW PRODUCT OFFERINGS.

PLEASE VISIT OUR WEBSITE ROUTINELY TO RECEIVE MONTHLY UPDATES, ADDED PROCESS CAPABILITIES, AND VIEW OUR MOST CURRENT FACILITIES LIST.



[WWW.MIDWESTPCB.COM](http://WWW.MIDWESTPCB.COM)

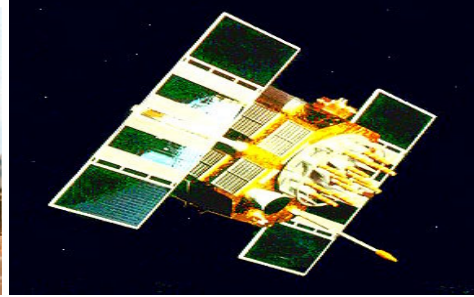
E-MAIL INQUIRIES TO: [MPCS@MIDWESTPCB.COM](mailto:MPCS@MIDWESTPCB.COM)

FOR SECURE DATA PLEASE CONTACT US FOR INSTRUCTIONS ON USING OUR SECURE FTP SITE.

PLEASE VIEW OR DOWNLOAD OUR CERTIFICATIONS FOR:

IPC1710  
ISO 9001:2000 REGISTRATION  
MIL-PRF-55110 GF  
MIL-PRF-55110 GI  
MIL-PRF-50884 RIGID/FLEX  
UL CERTIFICATION DIRECTORY

# OUR CUSTOMERS DEMAND PERFECTION



**MIDWEST PRINTED CIRCUIT SERVICES, INC.  
CONSISTENTLY PROVIDES IT**



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